

Sequence Listing

<110> CHOE, Mu-Hyeon

<120> THE DIMER OF CHIMERIC RECOMBINANT BINDING DOMAIN-FUNCTIONAL GROUP
FUSION FORMED VIA DISULFIDE-BOND-BRIDGE AND THE PROCESSES FOR
PRODUCING THE SAME

<130> YL04011PCT

<140> PCT/KR2004/001595

<141> 2004-06-30

<150> KR2003-0043599

<151> 2003-06-30

<160> 12

<170> KopatentIn 1.71

<210> 1

<211> 1749

<212> DNA

<213> Artificial Sequence

<220>

<223> pMC74 plasmid coding sequence

<400> 1

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actccagaga agaggctgga gtgggtcgca tacattagta atgatgatag ttccgccgct	180
tattcagaca ctgtaaaggg ccggttcacc atctccagag acaatgccag gaacaccctc	240
tacctgcaaa tgagccgtct gaagtctgag gacacagcca tatattcctg tgcaagagga	300
ctggcctggg gagcctggtt tgcttactgg ggccaaggga ctctggtcac tgtctctgca	360

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gcaaaaacga ccccccatc tgtctatcca ctggcccctg gatctgctgc ccaaactaac	420
tccatggtga ccctgggatg cctggtaag ggctatttcc ctgagccagt gacagtgacc	480
tggaactctg gatccctgtc cagcgggtgtg cacaccttcc cagctgtcct gcagtctgac	540
ctctacactc tgagcagctc agtgactgtc ccctccagca cctggcccag cgagaccgtc	600
acctgcaacg ttgccacccc ggccagcagc accaaggtgg acaagaaaat tgtgccagg	660
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gcccgtctgg ccctgaccct ggccgccgcc gagagcgagc gcttcgtccg gcagggcacc	1020
ggcaacgacg aggccggcgcg ggccaacggc ccggcggaca gcggcgacgc cctgctggag	1080
cgcaactatc cactggcgcg ggagttcctc ggcgacggcg gcgacgtcag cttcagcacc	1140
cgcgccacgc agaactggac ggtggagcgg ctgctccagg cgcaccgcca actggaggag	1200
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ttcggcgggg tgcgcgcgcg cagccaggac ctcgacgcga tctggcgcg tttctatata	1320
gccggcgatc cggcgctggc ctacggctac gccaggacc aggaaccga cgcacgcggc	1380
cggatccgca acggtgccct gctgcgggtc tatgtgccgc gctcgagcct gccgggcttc	1440
taccgcacca gcctgaccct ggccgcgcgg gaggcggcgg gcgaggtcga acggctgatc	1500
ggccatccgc tgccgctgcg cctggacgcc atcaccggcc ccgaggagga aggcgggcgc	1560

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ctggagacca ttctcggctg gccgctggcc gagcgcaccg tgggtgattcc ctcggcgatc 1620
 cccaccgacc cgcgcaacgt cggcggcgac ctcgacccgt ccagcatccc cgacaaggaa 1680
 caggcgatca gcgccctgcc ggactacgcc agccagcccg gcaaaccgcc gcgcgaggac 1740
 ctgaagtaa 1749

<210> 2
 <211> 1764
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> pMH21 plasmid coding sequence

<400> 2
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 actccagaga agaggctgga gtgggtcgca tacattagta atgatgatag ttccgccoct 180
 tattcagaca ctgtaaaggc cgggttcacc atctccagag acaatgccag gaacaccctc 240
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 ctggcctggg gagcctggtt tgcttactgg ggccaaggga ctctgggtcac tgtctctgca 360
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 tccatggtga ccctgggatg cctgggtcaag ggctatttcc ctgagccagt gacagtgacc 480
 tggaactctg gatccctgtc cagcgggtgtg cacaccttcc cagctgtcct gcagtctgac 540
 ctctacactc tgagcagctc agtgactgtc ccctccagca cctggcccag cgagaccgtc 600
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gattgtggta gtaagccttg cataagtaca aaagcttctg gtggtggcgg atctggaggt	720
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actttcaccg gtcacgcca gccgcgcggc tgggaacaac tggagcagtg cggctatccg	840
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gacgcctgc tggagcgcaa ctatcccact ggcgcgaggt tcctcggcga cggcgcgac	1140
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gaggaaggcg ggcgctgga gaccattctc ggctggccgc tggccgagcg caccgtggtg	1620
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atccccgaca aggaacaggc gatcagcgcc ctgccggact acgccagcca gcccgcaaa	1740
ccgcgcgcg aggacctgaa gtaa	1764

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<210> 3
 <211> 1749
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> pCE2 plasmid coding sequence

<400> 3
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 tattcagaca ctgtaaaggg ccggttcacc atctccagag acaatgccag gaacaccctc 240
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 ctggcctggg gagcctgggt tgcttactgg ggccaaggga ctctggtcac tgtctctgca 360
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 tccatggtga ccctgggatg cctggtaag ggctatttcc ctgagccagt gacagtgacc 480
 tggaactctg gatccctgtc cagcgggtgtg cacaccttcc cagctgtcct gcagtctgac 540
 ctctacactc tgagcagctc agtgactgtc ccctccagca cctggcccag cgagaccgtc 600
 acctgcaacg ttgccacccc ggccagcagc accaagggtg acaagaaaat tgtgcccagg 660
 gattgtggta gtaagccttg cataagtaca aaagcttccg gaggtcccga gggcggcagc 720
 ctggccgcgc tgaccgcgca ccaggcttgc cacctgccgc tggagacttt caccggtcat 780
 cgccagccgc gcggctggga acaactggag cagtgcggct atccggtgca gcggtggtc 840
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ggcaacgacg aggccggcgc ggccaacggc ccggcggaca gcggcgacgc cctgctggag	1080
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cgcggcacgc agaactggac ggtggagcgg ctgctccagg cgcaccgcca actggaggag	1200
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cggatccga acggtgccct gctgcgggtc tatgtgccg ctcgagcct gccgggcttc	1440
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cccaccgacc cgcgcaacgt cggcggcgac ctcgaccgt ccagcatccc cgacaaggaa	1680
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ctgaagtaa	1749

<210> 4

<211> 672

<212> DNA

<213> Artificial Sequence

<220>

<223> pMC75 plasmid coding sequence

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<400> 4

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tccatctctt gcagatctag tcagatcatt gtacatagta atggaaacac ctatttagaa	120
tggtagctgc agaaaccagg ccagtctcca aagctcctga tctacaaagt ttccaaccga	180
ttttctgggg tcccagacag gttcagtggc agtggatcag ggacagattt cacactcaag	240
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gtatccatct tcccaccatc cagtgagcag ttaacatctg gaggtgcctc agtcgtgtgc	420
ttcttgaaca acttctaccc caaagacatc aatgtcaagt ggaagattga tggcagtga	480
cgacaaaatg gcgtcctgaa cagttggact gatcaggaca gcaaagacag cacctacagc	540
atgagcagca ccctcacgtt gaccaaggac gagtatgaac gacataacag ctatacctgt	600
gaggccactc acaagacatc aacttcaccc attgtcaaga gcttcaacag gaatgagtgt	660
ggtaaagctt aa	672

<210> 5

<211> 2454

<212> DNA

<213> Artificial Sequence

<220>

<223> pLSC52 plasmid coding sequence

<400> 5

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ctctcctgtg caacctctgg attcactttc agtgactatt acatgtattg gggtcgccag	120

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actccagaga agaggetgga gtgggtcgca tacattagta atgatgatag ttccgcoct	180
tattcagaca ctgtaaaggg ccggttcacc atctccagag acaatgccag gaacaccctc	240
tacctgcaaa tgagccgtct gaagtctgag gacacagcca tatattcctg tgcaagagga	300
ctggcctggg gagcctggtt tgcttactgg ggccaaggga ctctggtcac tgtctctgca	360
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cacaaccact acacgcagaa gaggctctcc ctgtctccgg gtaaaggcgg aggcggatcc	1380
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gcgcaccagg cttgccacct gccgctggag actttcacc gtcacgcca gccgcggcg	1500
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<210> 6

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<211> 1233
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> pKL4 plasmid coding sequence

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 aatgccagga acaccctcta cctgcaaag agccgtctga agtctgagga cacagccata 300
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 tctgtgccc aaactaactc catggtgacc ctgggatgcc tggtaagggt ctatttccct 480
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 aagaaaattg tgcccaggga ttgtggtgct aagccttgca tagctacaca agcttccggt 720
 ggtggcggat ctggagggtg cggaagcgga ggtcccagg tgacaggggg aatggcaagc 780
 aagtgggatc agaagggtat ggacattgcc tatgaggagg cggccttagg ttacaaagag 840
 ggtggtgttc ctattggcgg atgtcttacc aataacaaag acggaagtgt tctcggtcgt 900
 ggtcacaaca tgagatttca aaagggatcc gccacactac atggtgagat ctccactttg 960

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gaaaactgtg ggagattaga gggcaaagtg tacaaagata ccactttgta tacgacgctg 1020
 tctccatgcg acatgtgtac aggtgccatc atcatgtatg gtattccacg ctgtgttgtc 1080
 ggtgagaacg ttaatttcaa aagtaagggc gagaaatatt tacaaactag aggtcacgag 1140
 gttgttggtg ttgacgatga gaggtgtaaa aagatcatga aacaatttat cgatgaaaga 1200
 cctcaggatt ggtttgaaga tattggtgag tag 1233

<210> 7
 <211> 4871
 <212> DNA
 <213> Artificial Sequence
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 <220>
 <223> pMC74 plasmid full sequence

<400> 7
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 agcctggagg gtccctgaaa ctctcctgtg caacctctgg attcactttc agtgactatt 180
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 ctctgggtcac tgtctctgca gccaaaacga ccccccatc tgttatcca ctggcccctg 480
 gatctgctgc ccaaactaac tccatggtga ccctgggatg cctggtcaag ggctatttcc 540

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ctgagccagt gacagtgacc tggaactctg gatccctgtc cagcgggtgtg cacaccttcc	600
cagctgtcct gcagtctgac ctctacactc tgagcagctc agtgactgtc ccctccagca	660
cctggcccag cgagaccgtc acctgcaacg ttgccacccc ggccagcagc accaaggtgg	720
acaagaaaat tgtgcccagg gatttgtgta gtaagcctag cataagtaca aaagcttccg	780
gaggtcccga gggcggcagc ctggccgcgc tgaccgcgca ccaggcttgc cacctgccgc	840
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accaggtgat ccgcaacgcc ctggccagcc ccggcagcgg cggcgacctg ggccaagcga	1020
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gcttcgtccg gcagggcacc ggcaacgacg aggccggcg gcccaacggc ccggcggaca	1140
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gctcgagcct gccgggcttc taccgcacca gcctgaccct ggccgcgccg gaggcggcgg	1560
gcgaggtcga acggctgatc ggccatccgc tgccgctgcg cctggacgcc atcaccggcc	1620
ccgaggagga aggcgggcgc ctggagacca ttctcggctg gccgctggcc gagcgacccg	1680
tggtgattcc ctcggcgatc cccaccgacc cgcgcaacgt cggcggcgac ctcgaccgt	1740

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ccagcatccc cgacaaggaa caggcgatca gcgccctgcc ggactacgcc agccagcccg	1800
gcaaaccgcc gcgcgaggac ctgaagtaac tgccgcgacc ggccggctcc cttcgcagga	1860
gccggccttc tcggggcctg gccatacatc aggttttcct gatgccagcc caatcgaata	1920
tgaattcggc tgctaacaaa gcccgaagg aagctgagtt ggctgctgcc accgctgagc	1980
aataactagc ataaccctt gggcctctaa acgggtcttg aggggttttt tgctgaaagg	2040
aggaactata tccggatcgg agatcaattc tggcgtaata gcgaagaggc ccgcaccgat	2100
cgcccttccc aacagttgcg tagcctgaat ggcgaaatggg acgcgccctg tagcggcgca	2160
ttaagcgcgg cgggtgtggt ggttacgcgc agcgtgaccg ctacacttgc cagcgcccta	2220
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caagctctaa atcgggggct ccctttaggg ttccgattta gtgctttacg gcacctcgac	2340
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acaacactca accctatctc ggtctattct tttgatttat aagggtttt gccgatttcg	2520
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ttaacgttta caatttcagg tggcactttt cggggaaatg tgcgcggaac ccctatttgt	2640
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aaagatgctg aagatcagtt ggggtgcacga gtgggttaca tcgaactgga tctcaacagc	2880
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Sequence Listing

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Sequence Listing

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atccgcgaaa t                                                                4871

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<210> 8

<211> 4886

<212> DNA

<213> Artificial Sequence

<220>

<223> pMH21 plasmid full sequence

<400> 8

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Sequence Listing

agcctggagg gtccctgaaa ctctcctgtg caacctctgg attcactttc agtgactatt	180
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atgatgatag ttccgccgct tattcagaca ctgtaaaggg ccggttcacc atctccagag	300
acaatgccag gaacaccctc tacctgcaaa tgagccgtct gaagtctgag gacacagcca	360
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Sequence Listing

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ttgttccaaa ctggaacaac actcaaccct atctcgggtc attcttttga tttataaggg	2520

Sequence Listing

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aattTTtaaca aaatattaac gTTttacaatt tcaggtggca cTTttcgggg aaatgtgcgc	2640
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Sequence Listing

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Sequence Listing

<210> 9
 <211> 4871
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> pCE2 plasmid full sequence

<400> 9
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 gaggtcccga gggcggcagc ctggccgcgc tgaccgcgca ccaggcttgc cacctgccgc 840

Sequence Listing

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Sequence Listing

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Sequence Listing

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Sequence Listing

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<210> 10
<211> 3703
<212> DNA
<213> Artificial Sequence

<220>
<223> pMC75 plasmid full sequence

<400> 10
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Sequence Listing

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Sequence Listing

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Sequence Listing

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<210> 11

<211> 5576

<212> DNA

<213> Artificial Sequence

<220>

<223> pLSC52 plasmid full sequence

Sequence Listing

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acaatgccag gaacaccctc tacctgcaaa tgagccgtct gaagtctgag gacacagcca	360
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Sequence Listing

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Sequence Listing

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Sequence Listing

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Sequence Listing

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 <211> 4263
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> pKL4 plasmid full sequence

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Sequence Listing

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Sequence Listing

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Sequence Listing

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Sequence Listing

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